

RAW SEQUENCE LISTING

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Application Serial Number: 10/566,851
Source: IFwp
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IFM

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/566,851

DATE: 02/09/2006

TIME: 14:09:07

Input Set : A:\50304.112001.txt
 Output Set: N:\CRF4\02012006\J566851.raw

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3 <110> APPLICANT: Jacquemin, Marc
4      Saint-Remy, Jean-Marie
6 <120> TITLE OF INVENTION: Variable antibodies
8 <130> FILE REFERENCE: 50304/112001
-> 10 <140> CURRENT APPLICATION NUMBER: US/10/566,851
-> 10 <141> CURRENT FILING DATE: 2006-02-01
10 <150> PRIOR APPLICATION NUMBER: GB 0319118.6
11 <151> PRIOR FILING DATE: 2003-08-14
13 <150> PRIOR APPLICATION NUMBER: GB 0319345.5
14 <151> PRIOR FILING DATE: 2003-08-18
16 <160> NUMBER OF SEQ ID NOS: 32
18 <170> SOFTWARE: PatentIn version 3.3
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21 <211> LENGTH: 496
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
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34 <223> OTHER INFORMATION: nucleotide sequence encoding the leader sequence
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54 1           5             10            15
56 gcc cac tcc cag gtg caa ctg gtg caa tct ggg gct gag gtg aag aag          96
57 Ala His Ser Gln Val Gln Leu Val Gln Ser Gly Ala Glu Val Lys Lys
58           20            25            30

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60	cct	ggg	gcc	tca	gtg	aag	gtc	tcc	tgc	aag	acc	tct	gga	tac	aac	ttc		144						
61	Pro	Gly	Ala	Ser	Val	Lys	Val	Ser	Cys	Lys	Thr	Ser	Gly	Tyr	Asn	Phe								
62																	35	40	45					
64	acc	ggc	tac	tct	gct	tct	gga	cat	atc	ttc	acc	gcc	tac	tct	gtg	cac		192						
65	Thr	Gly	Tyr	Ser	Ala	Ser	Gly	His	Ile	Phe	Thr	Ala	Tyr	Ser	Val	His								
66																	50	55	60					
68	tgg	gtg	cga	cag	gcc	cct	gga	caa	ggg	ctt	gag	tgg	atg	gga	agg	atc		240						
69	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Arg	Ile								
70	65																70	75	80					
72	aac	cct	aac	agt	ggt	gcc	aca	gac	tat	gca	cat	aaa	ttt	cag	ggc	agg		288						
73	Asn	Pro	Asn	Ser	Gly	Ala	Thr	Asp	Tyr	Ala	His	Lys	Phe	Gln	Gly	Arg								
74																	85	90	95					
76	gtc	acc	atg	tcc	agg	gac	acg	tcc	atc	agc	aca	gcc	tac	atg	gaa	ctg		336						
77	Val	Thr	Met	Ser	Arg	Asp	Thr	Ser	Ile	Ser	Thr	Ala	Tyr	Met	Glu	Leu								
78																	100	105	110					
80	agc	agg	ctg	aca	tct	gac	gac	acg	gcc	atg	tat	tac	tgt	gcg	aga	gcc		384						
81	Ser	Arg	Leu	Thr	Ser	Asp	Asp	Thr	Ala	Met	Tyr	Tyr	Cys	Ala	Arg	Ala								
82																	115	120	125					
84	gac	aac	tat	tcc	gat	att	gtg	act	ggc	tat	act	tct	cat	tac	ttt	gac		432						
85	Asp	Asn	Tyr	Phe	Asp	Ile	Val	Thr	Gly	Tyr	Tyr	Thr	Ser	His	Tyr	Phe	Asp							
86																	130	135	140					
88	tac	tgg	ggc	cgg	gga	acc	ctg	gtc	acc	gtc	tcc	tca	gcc	tcc	acc	aag		480						
89	Tyr	Trp	Gly	Arg	Gly	Thr	Leu	Val	Thr	Val	Ser	Ser	Ala	Ser	Thr	Lys								
90	145																150	155	160					
92	ggc	cca	tcg	gtc	tcc	c													496					
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109							20					25					30							
112	Pro	Gly	Ala	Ser	Val	Lys	Val	Ser	Cys	Lys	Thr	Ser	Gly	Tyr	Asn	Phe								
113							35					40					45							
116	Thr	Gly	Tyr	Ser	Ala	Ser	Gly	Ile	Phe	Thr	Ala	Tyr	Ser	Val	His									
117							50					55					60							
120	Trp	Val	Arg	Gln	Ala	Pro	Gly	Gln	Gly	Leu	Glu	Trp	Met	Gly	Arg	Ile								
121	65						70					75					80							
124	Asn	Pro	Asn	Ser	Gly	Ala	Thr	Asp	Tyr	Ala	His	Lys	Phe	Gln	Gly	Arg								
125							85					90					95							
128	Val	Thr	Met	Ser	Arg	Asp	Thr	Ser	Ile	Ser	Thr	Ala	Tyr	Met	Glu	Leu								
129							100					105					110							
132	Ser	Arg	Leu	Thr	Ser	Asp	Asp	Thr	Ala	Met	Tyr	Tyr	Cys	Ala	Arg	Ala								
133							115					120					125							
136	Asp	Asn	Tyr	Phe	Asp	Ile	Val	Thr	Gly	Tyr	Thr	Ser	His	Tyr	Phe	Asp								

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137	130	135	140	
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156	<222> LOCATION: (1)...(429)			
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162	<223> OTHER INFORMATION: nucleotide sequence encoding leader peptide			
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167	<223> OTHER INFORMATION: nucleotide sequence encoding CDR1			
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181	Met Glu Thr Pro Ala Gln Leu Leu Phe Leu Leu Leu Leu Trp Leu Pro			
182	1 5 10 15			
184	gat acc acc gga gaa att gtg ttg acg cag tct cca ggc acc ctg tct			96
185	Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser			
186	20 25 30			
188	ttg tct cca ggg gaa aga gcc acc ctc tcc tgc agg gcc agt cag agt			144
189	Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser			
190	35 40 45			
192	gtt gcc agc gcc tac tta gcc tgg tac cag caa aaa cct ggc cag gct			192
193	Val Ala Ser Ala Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala			
194	50 55 60			
196	ccc agg ctc ctc atc tat ggt gca tcc agt agg gcc acc gac atc cca			240
197	Pro Arg Leu Leu Ile Tyr Gly Ala Ser Ser Arg Ala Thr Asp Ile Pro			
198	65 70 75 80			
200	cac agg ttc agt ggc agt ggg tct ggg aca gac ttc act ctc acc atc			288
201	His Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile			
202	85 90 95			
204	agc aga ctg gag cct gaa gat ttt gca gtg tac tac tgt cag caa tat			336

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205 Ser Arg Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr
 206 100 105 110
 208 ggt acc tca gcc tta ctc act ttc ggc gga ggg acc aag gtg gag atc 384
 209 Gly Thr Ser Ala Leu Leu Thr Phe Gly Gly Thr Lys Val Glu Ile
 210 115 120 125
 212 aaa cga act gtg gct gca cca tct gtc ttc atc ttc ccg cca tct 429
 213 Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser
 214 130 135 140
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 228 Asp Thr Thr Gly Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser
 229 20 25 30
 232 Leu Ser Pro Gly Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser
 233 35 40 45
 236 Val Ala Ser Ala Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala
 237 50 55 60
 240 Pro Arg Leu Leu Ile Tyr Gly Ala Ser Ser Arg Ala Thr Asp Ile Pro
 241 65 70 75 80
 244 His Arg Phe Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile
 245 85 90 95
 248 Ser Arg Leu Glu Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr
 249 100 105 110
 252 Gly Thr Ser Ala Leu Leu Thr Phe Gly Gly Thr Lys Val Glu Ile
 253 115 120 125
 256 Lys Arg Thr Val Ala Ala Pro Ser Val Phe Ile Phe Pro Pro Ser
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 275 <213> ORGANISM: Artificial Sequence
 277 <220> FEATURE:
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 280 <400> SEQUENCE: 6
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 285 <211> LENGTH: 34

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357 <211> LENGTH: 46
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/566,851

DATE: 02/09/2006

TIME: 14:09:08

Input Set : A:\50304.112001.txt

Output Set: N:\CRF4\02012006\J566851.raw

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10 M:271 C: Current Filing Date differs, Replaced Current Filing Date